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**DECLARATION FOR UTILITY OR
DESIGN
PATENT APPLICATION
(37 CFR 1.63)**☐Declaration
Submitted
with Initial
Filing

OR

☒Declaration
Submitted after Initial
Filing (surcharge
(37 CFR 1.16 (e))
required)**Attorney Docket Number**

PARA 49774

First Named Inventor

Khosro Shamsaifar

COMPLETE IF KNOWN**Application Number**

10/013,265

Filing Date

12/10/2001

Art Unit

2817

Examiner Name**As the below named inventor, I hereby declare that:**

My residence, mailing address, and citizenship are as stated below next to my name.

I believe I am the original and first inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

ELECTRICALLY TUNABLE NOTCH FILTERS*(Title of the Invention)*

the specification of which

☐

is attached hereto

OR

☒

was filed on (MM/DD/YYYY)

12/10/2001

as United States Application Number or PCT International

Application Number

10/013,265

and was amended on (MM/DD/YYYY)

(if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
				YES	NO
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐

Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

[Page 1 of 2]

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DECLARATION — Utility or Design Patent ApplicationDirect all correspondence to: ☐ Customer Number or Bar Code Label OR ☒ Correspondence address below

Name Robert P. Lenart

Address Pietragallo, Bosick & Gordon
One Oxford Centre, 38th Floor, 301 Grant Street

Pittsburgh City	PA State	15219 ZIP
United States Country	412-263-4399 Telephone	412-261-0915 Fax

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

NAME OF SOLE OR FIRST INVENTOR : ☐ A petition has been filed for this unsigned inventorGiven Name Khosro
(first and middle [if any])Family Name Shamsaifar
or SurnameInventor's
Signature

Date 1-25-02

Ellicott City Residence: City	MD State	US Country	Spain Citizenship
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2825 Dana Ct.

Mailing Address

Ellicott City City	MD State	21042 ZIP	US Country
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NAME OF SECOND INVENTOR: ☐ A petition has been filed for this unsigned inventorGiven Name Xiao-Peng
(first and middle [if any])Family Name Liang
or SurnameInventor's
Signature

Date

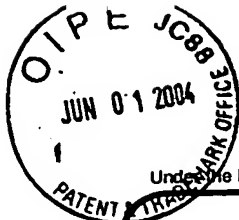
San Jose Residence: City	CA State	US Country	US Citizenship
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2146 Stonewood Lane

Mailing Address

San Jose City	CA State	95132 ZIP	US Country
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☐ Additional inventors are being named on the _____ supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.



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PTO/SB/01 (10-01)
Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

**DECLARATION FOR UTILITY OR
DESIGN
PATENT APPLICATION
(37 CFR 1.63)**

☐ Declaration Submitted with Initial Filing
OR
☒ Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required)

Attorney Docket Number	PARA 49774
First Named Inventor	XIAO-PENG LIANG Khosro Shamsafar
COMPLETE IF KNOWN	
Application Number	10/013,265
Filing Date	12/10/2001
Art Unit	2817
Examiner Name	

As the below named inventor, I hereby declare that:

My residence, mailing address, and citizenship are as stated below next to my name.

I believe I am the original and first inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

ELECTRICALLY TUNABLE NOTCH FILTERS

(Title of the Invention)

the specification of which

☐ is attached hereto

OR

☒ was filed on (MM/DD/YYYY) **12/10/2001** as United States Application Number or PCT International

Application Number **10/013,265** and was amended on (MM/DD/YYYY) (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

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Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
				YES	NO
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

[Page 1 of 2]

Burden Hour Statement: This form is estimated to take 21 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

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DECLARATION — Utility or Design Patent Application

Direct all correspondence to: ☐ Customer Number or Bar Code Label ☐ OR ☒ Correspondence address below

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One Oxford Centre, 38th Floor, 301 Grant Street

Pittsburgh City	PA State	15219 ZIP
United States Country	412-263-4399 Telephone	412-261-0915 Fax

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

NAME OF ~~SOLE~~ ^{Second} ~~FIRST~~ INVENTOR: ☐ A petition has been filed for this unsigned inventor

Given Name Khosro
(first and middle [if any])

Family Name Shamsaifar
or Surname

Inventor's
Signature

Date

Ellicott City Residence: City	MD State	US Country	Spain Citizenship
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2825 Dana Ct.

Mailing Address

Ellicott City City	MD State	21042 ZIP	US Country
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NAME OF ~~SECOND~~ ^{FIRST} INVENTOR:

☐ A petition has been filed for this unsigned inventor

Given Name Xiao-Peng
(first and middle [if any])

Family Name Liang
or Surname

Inventor's
Signature

Date 2/11/02

San Jose Residence: City	CA State	US Country	US Citizenship
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2146 Stonewood Lane

Mailing Address

San Jose City	CA State	95132 ZIP	US Country
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☐ Additional inventors are being named on the _____ supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.



Please type a plus sign (+) inside this box → ☐

PTO/SB/81 (10-00)
Approved for use through 10/31/2002. OMB 0851-0035
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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POWER OF ATTORNEY OR AUTHORIZATION OF AGENT

Application Number	10/013,265
Filing Date	December 10, 2001
First Named Inventor	Xiao-Peng Liang et al.
Group Art Unit	2817
Examiner Name	N/A
Attorney Docket Number	PARA 49774

I hereby appoint:

- ☒ Practitioners at Customer Number
AND
☒ Practitioner(s) named below:

27512

27512
27512

Name	Registration Number
James S. Finn	38,450
Donald D. Mondul	29,957
Michael N. Haynes	40,014

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please change the correspondence address for the above-identified application to:

☐ The above-mentioned Customer Number.

OR

<input checked="" type="checkbox"/> Firm or Individual Name	William J. Tucker				
Address	8650 Southwestern Blvd. #2825				
Address					
City	Dallas	State	TX	Zip	75206
Country	USA				
Telephone	(214) 368-4978	Fax	(214) 368-4978		

I am the:

☐ Applicant/Inventor.

☒ Assignee of record of the entire interest. See 37 CFR 3.71.
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).

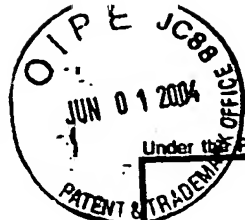
SIGNATURE of Applicant or Assignee of Record

Name	Louise C. Sengupta, President, Paratek Microwave, Inc.
Signature	<i>Louise C. Sengupta</i>
Date	7/17/02

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

☐ Total of _____ forms are submitted.

Burden Hour Statement: This form is estimated to take 3 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



CERTIFICATE UNDER 37 CFR 3.73(b)

Applicant: Xiao-Peng Liang et al.

Application No.: 10/013,265 **Filed:** December 10, 2001

Entitled: ELECTRICALLY TUNABLE NOTCH FILTERS

Paratek Microwave, Inc., a Corporation
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

certifies that it is the assignee of the entire right, title and interest in the patent application identified above by virtue of either:

A. ☒ An assignment from the inventor(s) of the patent application identified above. The assignment was recorded in the Patent and Trademark Office at Reel 12717, Frame 0784, or for which a copy thereof is attached.

OR

B. ☐ A chain of title from the inventor(s), of the patent application identified above, to the current assignee as shown below:

1. From: _____ To: _____
The document was recorded in the Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.
2. From: _____ To: _____
The document was recorded in the Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.
3. From: _____ To: _____
The document was recorded in the Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☐ Copies of assignments or other documents in the chain of title are attached.

The undersigned has reviewed all the documents in the chain of title of the patent application identified above and, to the best of undersigned's knowledge and belief, title is in the assignee identified above.

The undersigned (whose title is supplied below) is empowered to sign this certificate on behalf of the assignee.

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

7/17/02
Date


Signature

Louise C. Sengupta

President, Paratek Microwave, Inc.
Title